

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

MSCV Luciferase PGK-hygro

RRID:Addgene_18782

Type: Plasmid

Proper Citation

RRID:Addgene_18782

Plasmid Information

URL: <http://www.addgene.org/18782>

Proper Citation: RRID:Addgene_18782

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:0; Vector Backbone:MSCV Luciferase PGK Hygro; Vector Types:Mammalian Expression, Retroviral, Luciferase; Bacterial Resistance:Ampicillin

Plasmid Name: MSCV Luciferase PGK-hygro

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260725T074403+0000

Ratings and Alerts

No rating or validation information has been found for MSCV Luciferase PGK-hygro.

No alerts have been found for MSCV Luciferase PGK-hygro.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Rosenbaum SR, et al. (2025) EYA3 regulation of NF- κ B and CCL2 suppresses cytotoxic NK cells in the premetastatic niche to promote TNBC metastasis. *Science advances*, 11(19), eadt0504.

Alam SK, et al. (2025) Dopamine D2 receptor agonists abrogate neuroendocrine tumour angiogenesis to inhibit chemotherapy-refractory small cell lung cancer progression. *Cell death & disease*, 16(1), 370.

Neophytou C, et al. (2025) Sonopermeation combined with stroma normalization enables complete cure using nano-immunotherapy in murine breast tumors. *Journal of controlled release : official journal of the Controlled Release Society*, 382, 113722.

Rosenbaum SR, et al. (2024) An EYA3/NF- κ B/CCL2 signaling axis suppresses cytotoxic NK cells in the pre-metastatic niche to promote triple negative breast cancer metastasis. *bioRxiv : the preprint server for biology*.

Mendelson K, et al. (2024) Differential histone acetylation and super-enhancer regulation underlie melanoma cell dedifferentiation. *JCI insight*, 9(6).

Harada T, et al. (2023) Novel antimyeloma therapeutic option with inhibition of the HDAC1-IRF4 axis and PIM kinase. *Blood advances*, 7(6), 1019.

Serve G, et al. (2023) CNK2 promotes cancer cell motility by mediating ARF6 activation downstream of AXL signalling. *Nature communications*, 14(1), 3560.

Schwörer S, et al. (2023) Hypoxia Potentiates the Inflammatory Fibroblast Phenotype Promoted by Pancreatic Cancer Cell-Derived Cytokines. *Cancer research*, 83(10), 1596.

North K, et al. (2022) Synthetic introns enable splicing factor mutation-dependent targeting of cancer cells. *Nature biotechnology*, 40(7), 1103.

Huang YS, et al. (2022) Reciprocal regulation of Daxx and PIK3CA promotes colorectal cancer cell growth. *Cellular and molecular life sciences : CMLS*, 79(7), 367.

Thompson KN, et al. (2022) Microtubule disruption reduces metastasis more effectively than primary tumor growth. *Breast cancer research : BCR*, 24(1), 13.

Rouger-Gaudichon J, et al. (2022) Hypoxia regulates CD9 expression and dissemination of B lymphoblasts. *Leukemia research*, 123, 106964.

He D, et al. (2022) Methionine oxidation activates pyruvate kinase M2 to promote pancreatic cancer metastasis. *Molecular cell*, 82(16), 3045.

Herrera FG, et al. (2022) Low-Dose Radiotherapy Reverses Tumor Immune Desertification and Resistance to Immunotherapy. *Cancer discovery*, 12(1), 108.

Bozec D, et al. (2020) Akaluc bioluminescence offers superior sensitivity to track in vivo glioma expansion. *Neuro-oncology advances*, 2(1), vdaa134.

Alam SK, et al. (2020) ASCL1-regulated DARPP-32 and t-DARPP stimulate small cell lung cancer growth and neuroendocrine tumour cell proliferation. *British journal of cancer*, 123(5), 819.

Jensen IS, et al. (2019) The FlpTRAP system for purification of specific, endogenous chromatin regions. *Analytical biochemistry*, 587, 113418.

Alimova I, et al. (2019) Inhibition of MYC attenuates tumor cell self-renewal and promotes senescence in SMARCB1-deficient Group 2 atypical teratoid rhabdoid tumors to suppress tumor growth in vivo. *International journal of cancer*, 144(8), 1983.

Yankaskas CL, et al. (2019) A microfluidic assay for the quantification of the metastatic propensity of breast cancer specimens. *Nature biomedical engineering*, 3(6), 452.

Dréau D, et al. (2019) Combining the Specific Anti-MUC1 Antibody TAB004 and Lip-MSA-IL-2 Limits Pancreatic Cancer Progression in Immune Competent Murine Models of Pancreatic Ductal Adenocarcinoma. *Frontiers in oncology*, 9, 330.